PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No. VPI/02-115 US Jingrong Cao

First Inventor

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(Only for new nonprovisional applications under 37 CFR 1.53(b))				ail Label No.		<i></i>	·· · · · · · · · · · · · · · · · · ·				
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.							ADDRES	S TO:	Commis P.O. Bo		50
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)				7.				ria, VA 22313-145 large table or			
2. Applicant claims small entity status. See 37 CFR 1.27.					Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						
3. X Specification [Total Pages 226]				a. Computer Readable Form (CRF)							
(preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix					b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies						
	- Brief	Summary	he Invention of the Invention			ACCOMPANYING APPLICATIONS PARTS					
		ed Descri	n of the Drawings (if filed) blion			9.		•	•	et & document(s))	
- Claim(s) - Abstract of the Disclosure 10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney											
4.	Drawing	(s) (35 <i>U</i>	.S.C. 113) [Tota	al Sheets]	11.	<u> </u>			(if applicable)	
5. Oath or Declaration [Total Pages 3] 12. Information Disclosure Statement (IDS)/PTO-14							Copies of IDS Citations				
	لنتا	•	ted (original or copy)			13.	Prelimina	-			
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76					14. 15. 16. 17.	(Should be Certified (if foreign p	ne specific Copy of Foriority is al- cation Re must atta	quest under	d) ment(s) 35 U.S.C. 122 (b)(2) D/SB/35 or its equiva		
18	B. If a CONTINU Data Sheet und	JING AP	PLICATION, check app	ropriate box, an	d supply the	requis	ite information belo	ow and in a	preliminary ar	nendment, or in an Appli	cation
Continuation Divisional Continuation-in-part (CIP)	of prior applica	tion No.:						
	Prior applicatio	n inform	ation: Examiner				Grou	ıp / Art Uı	nit:		
ur	For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.										
				19. CO	RRESPO	NDE	NCE ADDRES	SS	Ţ		
X Customer Number or Bar Code Label				2	79	16		or C	Correspondence addr	ess below	
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complet if Known FEE TRANSMITTAL Not Yet Assigned **Application Number** Herewith **Filing Date** for FY 2003 **First Named Inventor** Jingrong Cao Patent fees are subject to annual revision. **Examiner Name** Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27 **Group Art Unit** Not Yet Assigned VPI/02-115 US **TOTAL AMOUNT OF PAYMENT** Attorney Docket No. METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Money Credit 3. ADDITIONAL FEES Check None x Deposit Account Large Entity Small Entity Deposit 50-0725 Fee Account **Fee Description** Code (\$) Code (\$) Fee Paid Deposit 1051 2051 65 130 Surcharge - late filing fee or oath Vertex Pharmaceuticals Surcharge - late provisional filing fee or cover 1052 50 2052 25 The Commissioner is hereby authorized to: (check all that apply) X Charge fee(s) indicated below X Credit any overpayments 1053 130 1053 130 Non-English specification Charge any additional fee(s) during the pendency of this 1812 2.520 1812 2,520 For filing a request for ex parte reexamination Requesting publication of SIR prior to 9201 1804 9201 1804 Charge fee(s) indicated below, except for the filing fee Requesting publication of SIR after to the above-identified deposit account. 1805 1,8401 1805 1,840* Examiner action FEE CALCULATION 110 2251 55 1251 Extension for reply within first month 1. BASIC FILING FEE 1252 420 2252 210 Extension for reply within second month Large Entity **Small Entity** 1253 950 2253 475 Extension for reply within third month Fee Description 1254 2254 Extension for reply within fourth month (\$) Code Code (\$) Fee Paid 1001 770 2001 385 Utility filing fee 770.00 1255 2,010 2255 1,005 Extension for reply within fifth month 1002 340 2002 170 Design filing fee 1401 320 2401 160 Notice of Appeal 1003 530 2003 265 Plant filing fee 1402 320 2402 160 Filing a brief in support of an appeal 1004 770 2004 Reissue filing fee 1403 280 2403 Request for oral hearing 385 140 2005 Provisional filing fee 1005 160 1451 1,510 1451 Petition to institute a public use proceeding 1,510 1452 110 2452 Petition to revive - unavoidable SUBTOTAL (1) (\$) 770.00 1453 1,300 2453 Petition to revive - unintentional 1501 2501 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1,300 650 Utility issue fee (or reissue) Extra Fee from Fee Paid 1502 470 2502 235 Design issue fee below Total Claims 66 -20** 46 18.00 828.00 1503 630 2503 315 Plant issue fee Independent 1460 130 1460 130 Petitions to the Commissioner 3 -3** = 0 86.00 0.00 Claims 1807 50 1807 Processing fee under 37 CFR 1.17(q) Multiple Dependent 290.00 290.00 1806 1806 180 180 Submission of Information Disclosure Stmt Large Entity Small Entity Recording each patent assignment per 40 8021 **Fee Description** 8021 40 40.00 Code (\$) Code (\$) property (times number of properties) Filing a submission after final rejection (37 CFR 1.129(a)) 2202 1202 18 9 Claims in excess of 20 750 2809 1809 375 1201 86 2201 43 Independent claims in excess of 3 For each additional invention to be 1810 750 2810 375 1203 290 2203 145 Multiple dependent claim, if not paid examined (37CFR 1.129(b)) Request for Continued Examination (RCE) 1204 86 2204 ** Reissue independent claims 1801 750 2801 375 over original patent Request for expedited examination 1802 900 1802 2205 ** Reissue claims in excess of 20 of a design application 1205 18 and over original patent Other fee (specify) SUBTOTAL (2) (\$) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00 **or number previously paid, if greater; For Reissues, see above SUBMITTED BY Complete (if applicable)

Registration No.

(Attorney/Agent)

Karoline K. M. Shair

Name (Print/Type)

Signature

Attorney Docket No.: VPI/02-115 US

Certificate Of Mailing Under 37 C.F.R. § 1.10

Express Mailing No. EV 330 994 706 US Date of Deposit: October 30, 2003

I hereby certify that the following documents:

- 1. Utility Transmittal for Patent Application;
- 2. Fee Transmittal Sheet (1 page, in duplicate);
- 3. Specification 226 pages (Desc. 153 pgs, Claims 72 pgs., Abstract pg);
- 4. Executed Declaration Power of Attorney Document (3 pages);
- 5. Assignment Recordation Cover Sheet (in duplicate);
- 6. Assignment document (4 pages);
- 7. Return postcard receipt.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Karen DiRocco
(type or printed name of person mailing document(s))
Koven DiRock
(signature of person mailing document(s))